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Roberts M/H

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )

YASUHIDE TACHI ET AL )

Serial No. 24,111 )

Filed March 26, 1979 )

For: NOVEL HYDROCORTISONE  
DERIVATIVE

RECEIVED Group Art Unit 125

JUN 07 1979

GROUP 120

CITATION OF PRIOR ART

Hon. Commissioner of Patents and Trademarks  
Washington, D. C.

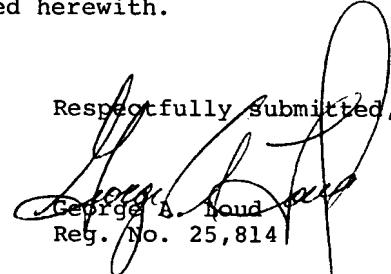
Sir:

It is respectfully requested that U. S. 3,557,162 and U. S. 3,312,590 be considered in connection with the patentability of the invention claimed in the above-identified application and be officially cited of record. Copies are submitted herewith.

The two references submitted disclose, respectively, hydrocortisone 17-butyrate and betamethasone 17-valerate. These compounds are related to the claimed compound in that all are corticosteroids. The prior art compounds disclosed by these references are among those compared to the claimed compound at pages 4-7 of the present specification. The tests reported therein show the compound claimed here to be a more effective vasoconstrictor than either of the prior art compounds (see page 4 and Table 1). The "percutaneous absorption test" and the results therefor set forth at pages 5 and 6, show that the claimed compound is far more easily absorbed through the skin than hydrocortisone 17-butyrate (U. S. 3,312,590) or

hydrocortisone. Finally, the toxicity test described at pages 6 and 7 showed that the claimed compound is less toxic than the two prior art compounds named above and disclosed by the references submitted herewith.

Respectfully submitted,

  
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June 4, 1979

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